

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	176	(compression adj ratio) near4 stored	USPAT; DERWENT	OR	ON	2004/12/09 12:50
L2	2	1 and (writ\$4 near compression near ratio)	USPAT; DERWENT	OR	ON	2004/12/09 12:50

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	writ\$4 near3 (compression adj ratio) near3 storage	USPAT; DERWENT	OR	ON	2004/12/09 11:07
L2	28	writ\$4 with (compression adj ratio) with storage	USPAT; DERWENT	OR	ON	2004/12/09 11:04
L3	8	2 and (additional adj data)	USPAT; DERWENT	OR	ON	2004/12/09 11:07
L4	57	writ\$4 near3 (compression adj ratio)	USPAT; DERWENT	OR	ON	2004/12/09 11:07
L5	1	4 with (additional adj data)	USPAT; DERWENT	OR	ON	2004/12/09 11:08
L6	15	4 with stor\$4	USPAT; DERWENT	OR	ON	2004/12/09 11:08

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	U	1	Document ID	Issue Date	Pages	Title
1			US 6816942 B2	20041109	71	Storage control apparatus and method for compressing data for disk storage
2			US 6745282 B2	20040601	69	Compressed data managing apparatus and method therefor to manage compressed data of a disk storage
3			US 6590609 B1	20030708	10	Image signal recording system
4			US 6587885 B1	20030701	105	FIXED LENGTH CELL HANDLING TYPE IMAGE COMMUNICATION METHOD AS WELL AS TRANSMISSION APPARATUS FOR FIXED LENGTH CELL HANDLING TYPE IMAGE COMMUNICATION AND RECEPTION APPARATUS FOR FIXED LENGTH CELL HANDLING TYPE IMAGE COMMUNICATION
5			US 6509924 B2	20030121	14	Video telephone with automatic answering function
6			US 6504995 B1	20030107	10	Apparatus and method for storing compressed data to a storage device

	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3
1	711/112	710/68; 711/113; 711/170; 711/202		Okada; Yoshiyuki et al.	X				
2	711/112	711/159; 711/165		Okada; Yoshiyuki et al.	X				
3	348/231.6	348/222.1 ; 348/231.7		Kitade; Takeshi et al.	X				-
4	709/236	709/247		Nakayama; Mikio et al.	X				
5	348/14.06	379/88.13 ; 379/93.17		Honguu; Naoaki et al.	X				
6	386/111	386/125		Benear; Richard et al.	X				

	4	5	Image Doc. Displayed	PT
1			US 6816942	
2			US 6745282	
3			US 6590609	
4			US 6587885	
5			US 6509924	
6			US 6504995	

	U	1	Document ID	Issue Date	Page s	Title
7			US 6278913 B1	20010821	24	Automated flight data management system
8			US 6195125 B1	20010227	38	Pixel shifting image sensor with a different number of images sensed in each mode
9			US 6065094 A	20000516	19	Inexpensive compressed data storage apparatus with improved resistance to vibrations
10			US 5894588 A	19990413	77	Data transmitting apparatus, data recording apparatus, data transmitting method, and data recording method
11			US 5805932 A	19980908	78	System for transmitting compressed data if compression ratio is at least preset ratio and pre- compressed data if compression ratio is less than preset ratio

	Current OR	Current XRef	Retrieval 1 Classif	Inventor	S	C	P	2	3
7	701/3	244/158R; 701/120; 701/14; 701/25; 701/35; 702/144; 73/181		Jiang; Jimmy Liu	X				
8	348/222.1	348/218.1		Udagawa; Yoshiro et al.	X				
9	711/112	710/52; 710/57; 710/60; 710/68; 711/111		Akiyama; Jun	X				
10	710/68	360/8		Kawashima; Tetsuji et al.	X				
11	710/68	360/48; 711/100; 711/111		Kawashima; Tetsuji et al.	X				

	4	5	Image Doc. Displayed	PT
7			US 6278913	
8			US 6195125	
9			US 6065094	
10			US 5894588	
11			US 5805932	

	U	1	Document ID	Issue Date	Page s	Title
12			US 5666114 A	19970909	26	Method and means for managing linear mapped address spaces storing compressed data at the storage subsystem control unit or device level.
13			US 2002010758 7 A	20020808	11	Information storage apparatus for e.g. digital camera, digital video recorder and digital sound recorder, writes compression ratio of digital data as additional data stored in storage unit
14			US 6067199 A	20000523	21	Disk drive for computer, compresses data written to disk and limits data writing so that maximum storage capacity is limited to storage capacity of disk corresponding to uncompressed data

	Current OR	Current XRef	Retrieval 1 Classif	Inventor	S	C	P	2	3
12	341/50	711/100		Brodie; Robert Bruce et al.	X				
13				ARAKI, K	X				
14				BLUMENAU, S M	X				

	4	5	Image Doc. Displayed	PT
12			US 5666114	
13			US 20020107587	
14			US 6067199	

	U	1	Document ID	Issue Date	Page s	Title
15			JP 05064144 A	19930312	8	Image storing appts. forming latest image of high quality - has data compression part processing older image data at high compression ratio, storage writing part and frame counter for image input NoAbstract

	Current OR	Current XRef	Retrieval 1 Classif	Inventor	S	C	P	2	3
15					X				

	4	5	Image Doc. Displayed	PT
15			JP 05064144 A	

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	72255	stor\$4 near3 digital	USPAT; DERWENT	OR	ON	2004/12/09 09:21
L2	23	1 with (compression adj ratio)	USPAT; DERWENT	OR	ON	2004/12/09 09:13
L3	2	2 and (writ\$4 with ratio with digital)	USPAT; DERWENT	OR	ON	2004/12/09 09:14
L4	1	1 with (writ\$4 near compression adj ratio)	USPAT; DERWENT	OR	ON	2004/12/09 09:14
L5	105477	"382"/("305", "232", "235").ccls.	USPAT; DERWENT	OR	ON	2004/12/09 09:16
L6	7043	5 and 1	USPAT; DERWENT	OR	ON	2004/12/09 09:16
L7	5	6 and 2	USPAT; DERWENT	OR	ON	2004/12/09 09:21
L8	0	7 and (writ\$4 near4 ratio)	USPAT; DERWENT	OR	ON	2004/12/09 09:19
L9	8721	stor\$4 near3 digital	EPO; JPO	OR	ON	2004/12/09 09:21
L10	0	9 with (compression adj ratio near writ\$4)	EPO; JPO	OR	ON	2004/12/09 09:22
L11	2	9 with (compression adj ratio)	EPO; JPO	OR	ON	2004/12/09 09:22

	U	1	Document ID	Issue Date	Page s	Title
1			US 5699370 A	19971216	29	Information recording and reproduction apparatus to be controlled by temporal information
2			US 2002010758 7 A	20020808	11	Information storage apparatus for e.g. digital camera, digital video recorder and digital sound recorder, writes compression ratio of digital data as additional data stored in storage unit

	Current OR	Current XRef	Retrieval 1 Classif	Inventor	S	C	P	2	3
1	714/811	348/460; 386/109; 386/46		Kaniwa; Kouji et al.	X				
2				ARAKI, K	X				

	4	5	Image Doc. Displayed	PT
1			US 5699370	
2			US 20020107587	

	U	1	Document ID	Issue Date	Page s	Title
1			US 6771829 B1	20040803	9	Method for local zerotree image coding
2			US 6421464 B1	20020716	13	Fast lapped image transforms using lifting steps
3			US 6314206 B1	20011106	14	Compression ratio setting device
4			US 5708473 A	19980113	8	Two stage video film compression method and system
5			US 5546477 A	19960813	53	Data compression and decompression

	Current OR	Current XRef	Retrieval 1 Classif	Inventor	S	C	P	2	3
1	382/240	382/232; 382/248		Topiwala; Pankaj N. et al.	X				
2	382/232			Tran; Trac D. et al.	X				
3	382/235	382/239		Sato; Koichi	X				
4	375/240.1 5	348/699; 382/244		Mead; Donald	X				
5	382/242	382/264		Knowles; Gregory P. et al.	X				

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1			US 6771829	
2			US 6421464	
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4			US 5708473	
5			US 5546477	

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1 Progressive transmission of scientific data using biorthogonal wavelet transform
Hai Tao; Moorhead, R.J.;

Visualization, 1994., Visualization '94, Proceedings., IEEE Conference on , 17-21 Oct. 1994

Pages:93 - 99, CP9

[\[Abstract\]](#) [\[PDF Full-Text \(760 KB\)\]](#) **IEEE CNF**
2 Super-resolution enhancement of native digital video and digitized NTSC sequences
Schultz, R.R.;

Image Analysis and Interpretation, 2002. Proceedings. Fifth IEEE Southwest Symposium on , 7-9 April 2002

Pages:193 - 197

[\[Abstract\]](#) [\[PDF Full-Text \(23067 KB\)\]](#) **IEEE CNF**
3 The evolution of lossless data compression techniques
Holtz, K.;

WESCON/'93. Conference Record, , 28-30 Sept. 1993

Pages:140 - 145

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) **IEEE CNF**

4 Scalability issues for mass multimedia storage systems

Pegler, D.; Hutchison, D.; Shepherd, D.;

Mass Storage Systems (Digest No. 1996/206), IEE Colloquium
on , 27 Nov. 1996

Pages:1/1 - 1/7

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) **IEE CNF**

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